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| | | | INFORMA' | TION DISCL | OSURE | STAT | EMENT | / | |
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| 1. 🗸 | Appli subn | cant submits he nitted for conside | erewith a copy of (a) atta leration by the Office; (b) a | ached form PTO-10 a legible copy of e | 449, which lists ach document re | all pat equired | ents, publicatio by 37 C.F.R. § | ns, applica 1.98(b)(2). | ations, or other information |
| 2. | filing filed The p | date under 35 L | U.S.C. §120. The Serial I and entitled | Number of the pare tached Form PTO-1 | ent application is 1449. In accordance | s U.S. A ance wi | Applicationth 37 C.F.R. §1 | | tains the benefit of an earlier |
| 3. \ | | A copy of a tran | nslation of one or more no anation is (check at leas | non-English docume st one box below) | ent, or portion th): | nereof, i | s provided here | ewith; | at least one box below) . ind/or provided herewith |
| 4. | Since of the §1.97 | e this Information e date of entry of 7(e) is required. | of the national stage as se | s being filed within t et forth in 37 C.F.R. | three months of t . §1.491 in an int | the filing ternation | date of the sub nal application, | no fee or c | ation or within three months ertification under 37 C.F.R |
| 37 C.F.R. 5. □√ | Since of a f | e this Information | on Disclosure Statement is on after the filing of a requ | is beina filed before | e the mailing dat | te of the | first Office Activ | on on the r | ONTINUED EXAMINATION nerits, or before the mailing ertification under 37 C.F.R |
| 37 C.F. F 6. □ a. b. | Since of a F | e this Information Final Rejection of the fee required | FIRST ACTION, BEFORE on Disclosure Statement is or Notice of Allowance, the d under 37 C.F.R. §1.97(specified in 37 C.F.R. §1. | is being filed outside his submission is b (c)(2) and specified | le of the period poeing accompant f in 37 C.F.R. §1 | orovided ied by (d 1.17(p). | for in 37 C.F.R one of the folk | :. §1.97(b), owing box | but before the mailing date es must be checked): |
| 37 C.F.R 7. □ | Since fee a | e this Information | INAL REJECTION OR A on Disclosure Statement is nied by both the statemen | s being filed after the | e period specifie .F.R. §1.97(e) a | ed in 37 and the 1 | C.F.R. §1.97(c) ee set forth in 3 | , but on or 37 C.F.R.§ | pefore payment of the issue (1.17(p). (Box 8 or 9 mus |
| 8. | In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. The foreign or international search report(s) is/are enclosed. | | | | | | | | |
| 9. | In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the information disclosure statement. | | | | | | | | |
| 10. 🗣 | In the appli | e event the Con ication, Applicar | mmissioner of Patents deents deents deents attorneys authorize th | ems that any addit nat such fee be cha | tional fee is requarged to Deposit | uired un t Accou | der 37 C.F.R. § nt No. 06-113 | § 1.16 or . | 1.17 in connection with this |
| 11. Co | nsidera | ition of this Infor | rmation Disclosure Staten | ment is respectfully | requested. | | | | |
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| sufficien transmit | nt postagitted to the | ge as first class m he U.S. Patent an | TRANSMUSSION: I hereby nail in an envelope addresse nd Trademark Office to Facs | ed to: Commissioner | espondence is be For Patents, P.O |). Box 14 | osited with the Ur 50, Alexandria, V ne date shown be | /A 22313-14 | Postal Service with 150, or [] facsimile |
| | Name | Paula | Currie | | | | | | |
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| | | | | U.S | . PATENT | DOCUMENTS | | | | | |
| *EXAMINER INITIAL | REF | (Ar | POCHARAN NUMBER | DATE | NAME | | CLASS | SUBCLASS | FILING IF APPRO | | |
| | | 4,27 | 73,622 | 6/16/1981 | Becker | | 203 | 28 | 11/26/19 | 11/26/1979 | |
| | | 4,52 | 21,637 | 6/4/1985 | Stevens | | 568 | 659 | 12/16/19 | 83 | |
| | | 3,52 | 26,674 | 09/01/1970 | M. Beck | cer et al | | | 08/05/1968 | | |
| | | | | | | | | | | | |
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| | | | | U.S. PATENT | APPLICA | TION PUBLICATIONS | | | | | |
| *EXAMINER INITIAL | I DEC I DOCUMENT NUMBED | | DATE | NAME | | CLASS | SUBCLASS FILING DAT | | | | |
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| | | | | FORE | IGN PATE | NT DOCUMENTS | · | | 1 | | |
| | REF | | DOCUMENT NUMBER | DATE | COUNTRY | | CLASS | SUBCLASS | Trans YES | lation NO | |
| | | wo | 99/42426 A1 | 8/26/1999 | PCT | | | | | | |
| | | wo | 99/58480 A1 | 11/18/1999 | PCT | | | <u> </u> | | | |
| | | 56-9 | 95132 A | 8/01/1981 | JAPAN | | | ļ | | | |
| | | 56-140935 A | | 11/04/1981 | JAPAN | | - | ļ | | | |
| | | | | | | | | | <u> </u> | | |
| | | | | OTHER D | OCUMEN' | TS (Including Author, | Title, Date, Po | ertinent Pages, E | tc.) | | |
| Nishiguchi, T.: Kamio, C. J. Chem. Soc. Perkin Trans., I, 1989, ppp. 707-710 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | Nishiguchi, T.; Machida, N.; Yamamoto, E. Tetrachedron Lett., 1987, Vol 28, No. 39, pp. 4565-4568 | | | | | | | | | | |
| _ | | | | | | | | | | | |
| EXAMINER | | | | | | DATE CONSIDERED | | | | | |
| EXAMINE not conside | R: Ini | tial if ci | tation considered, whether o copy of this form with next c | r not citation is in ommunication to a | conforman applicant. | ce with MPEP Section 609; D | raw line thro | igh citation if no | t in conform | ance and | |

| - | | | | | : | Docket Number (Opt | | Application Numb | | |
|--|--|------------|-------------|-------------|-----------------------|----------------------|-----------------|-----------------------------------|-----------------------|--|
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| | INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | Min-hyung LEE, et al. | | | | | |
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| *EXAMINER | VIII 6 7 | AT H | IER DOCUMEN | NTS (Includ | ding Author Tid | e, Date, Pertinent F | | <u> </u> | | |
| *EXAMINER INITIAL | 1970 - I | POPONTE | RNATIONAL | SEARCH F | REPORT: INT | ERNATIONAL | APPLICATION | NO. PCT/KR2004 | //002613; | |
| | PA | PTERNA | TIONAL FILE | ILNG DATE | E: OCTOBER | 13, 2004; DATE | OF MAILING: | NO. PCT/KR2004 JANUARY 17, 200 | 5 | |
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| | All the references cited in the Search Report are listed above | | | | | | | | | |
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